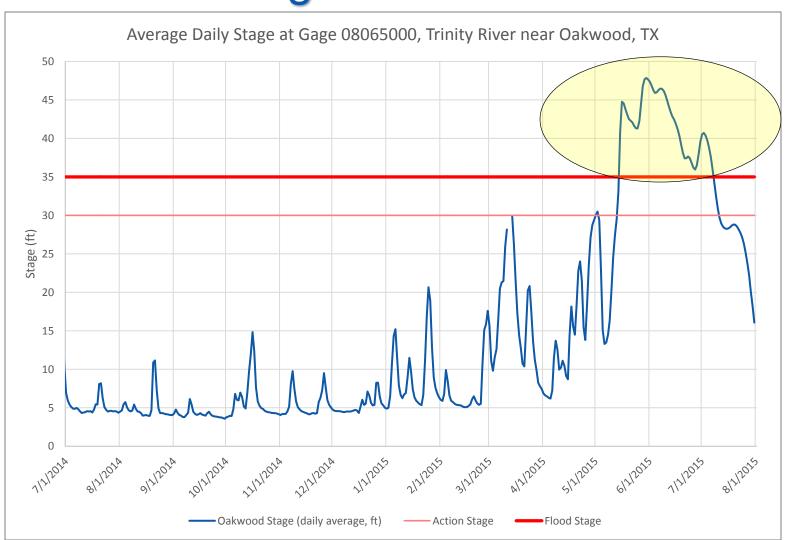




Record precipitation in 2015 led to interesting times on the River!



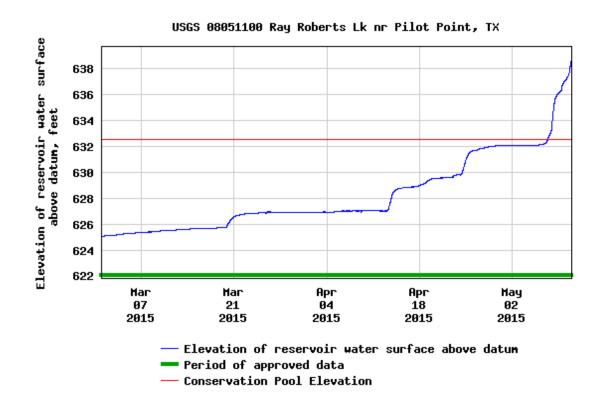
Study Locations



Lake Ray Roberts

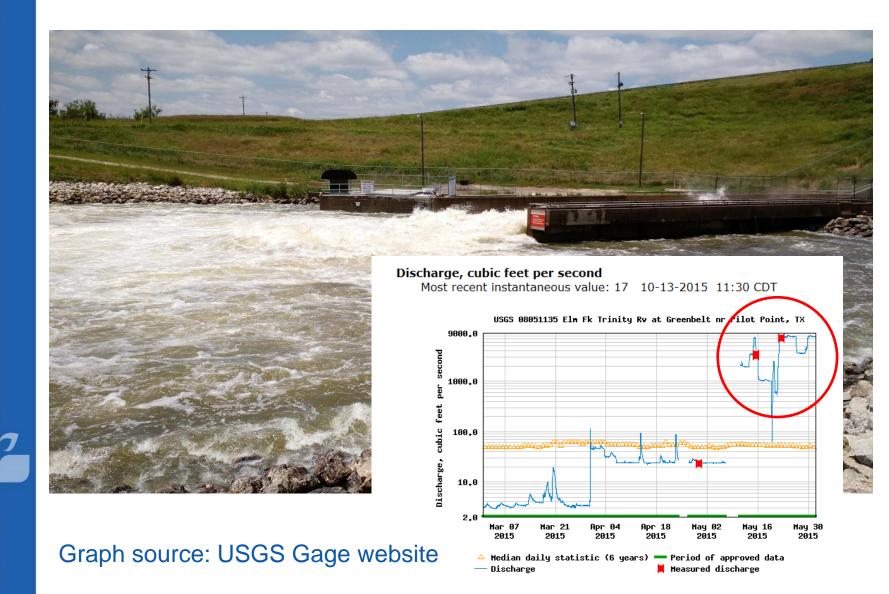
Elevation of reservoir water surface above datum, feet

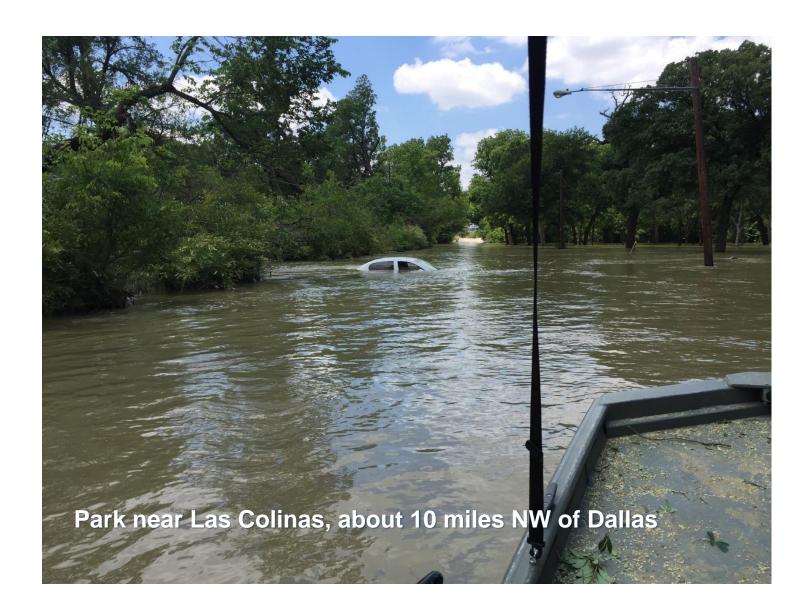
Most recent instantaneous value: 632.28 10-13-2015 11:15 CDT



Source: USGS Gage website

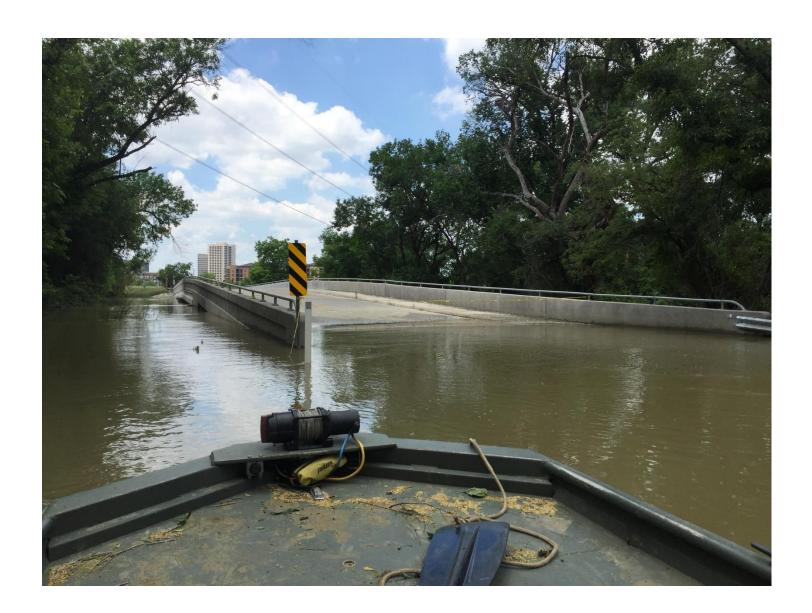
Lake Ray Roberts

















Dallas Levee District



Dallas Levee District



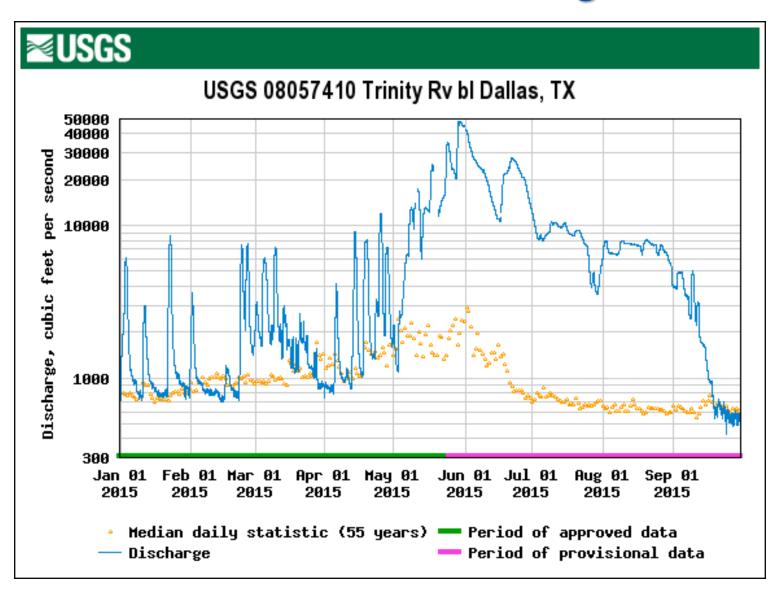
River Mile 444 High Flows



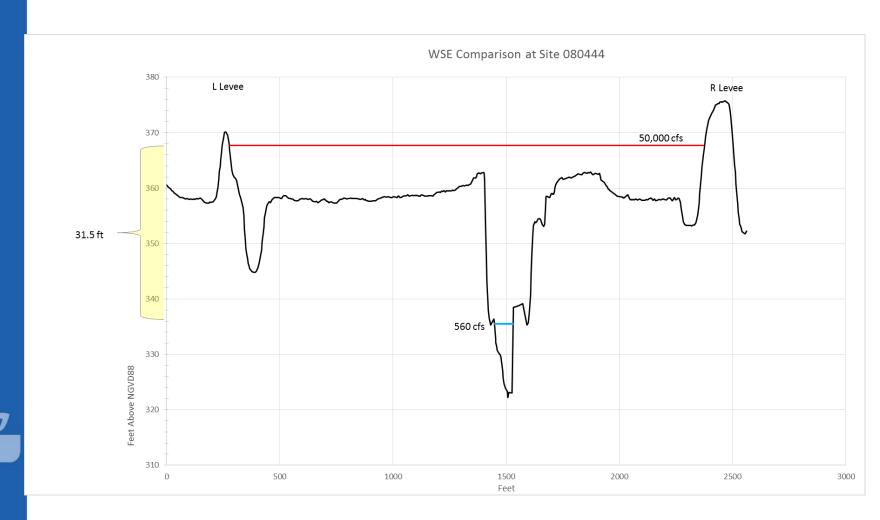


Flows presented some challenges on TRA main stem sites in 2015.

444 - Overbanking



444 base flow and high flow stages



444 – Relic USACE Lock Monitoring Ongoing Channel Changes



444 - Relic USACE Lock



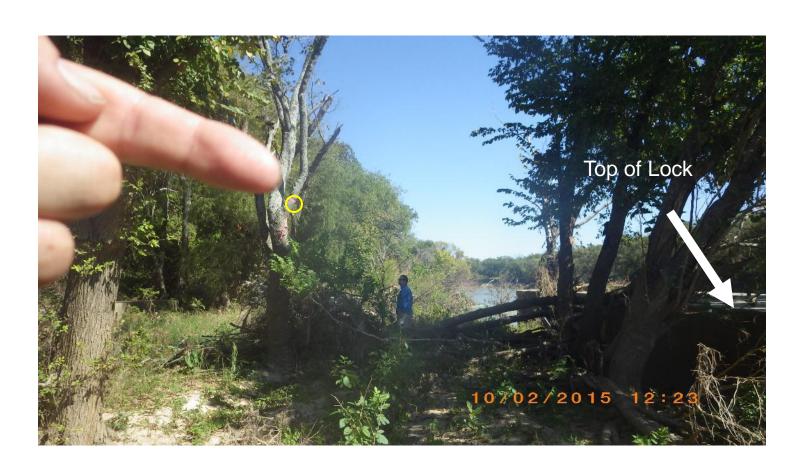
444 - Relic USACE Lock



444 - Overbanking ~ 35,000 cfs



444 - Overbanking ~ 490 cfs



444 - Overbanking





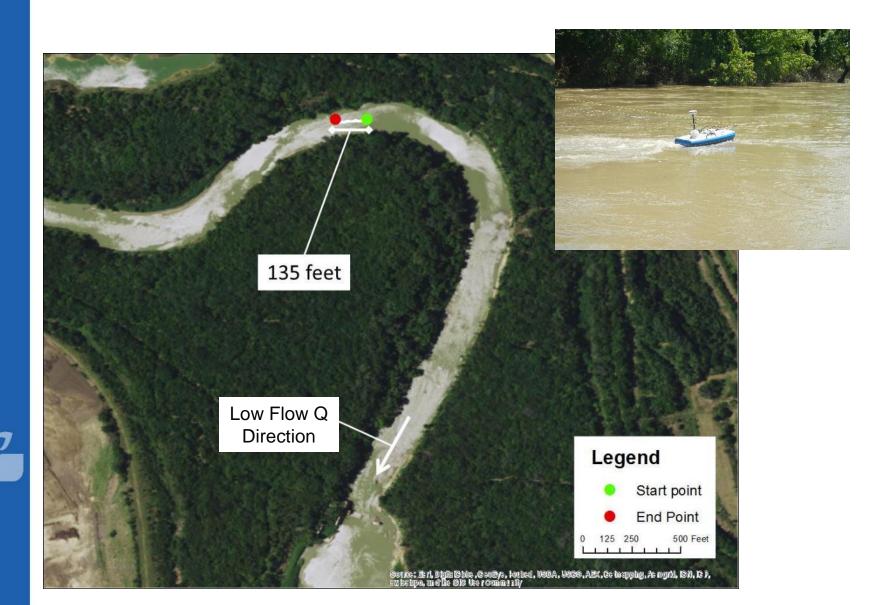


444 - Overbank Deposition on BM

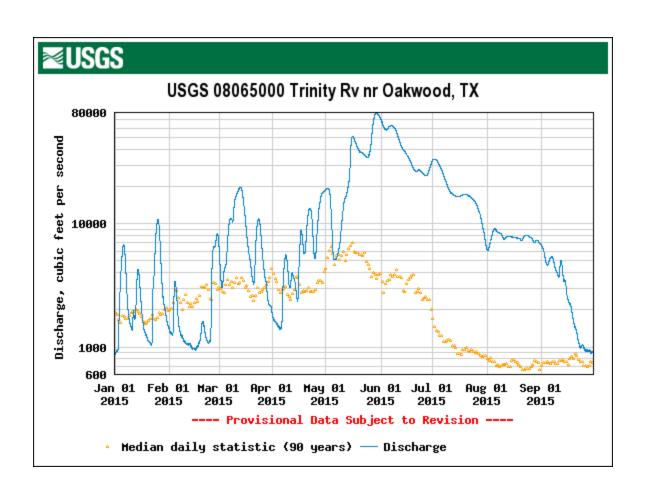




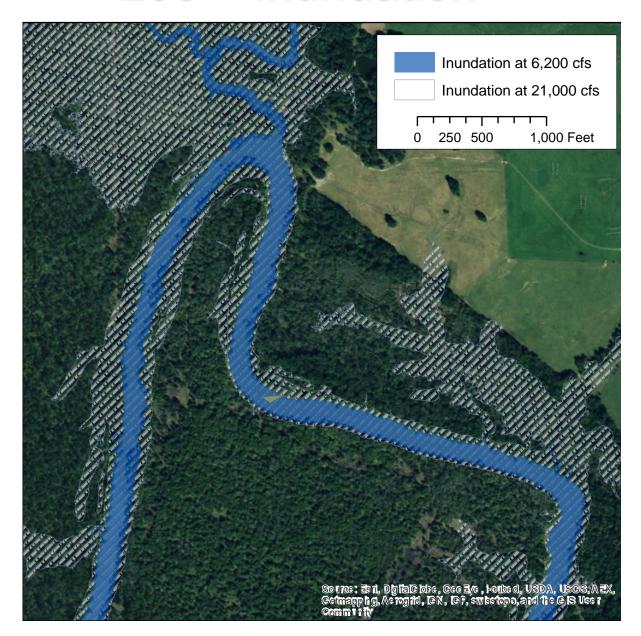
444 – Moving Bed Measurement ~ 35,000 cfs



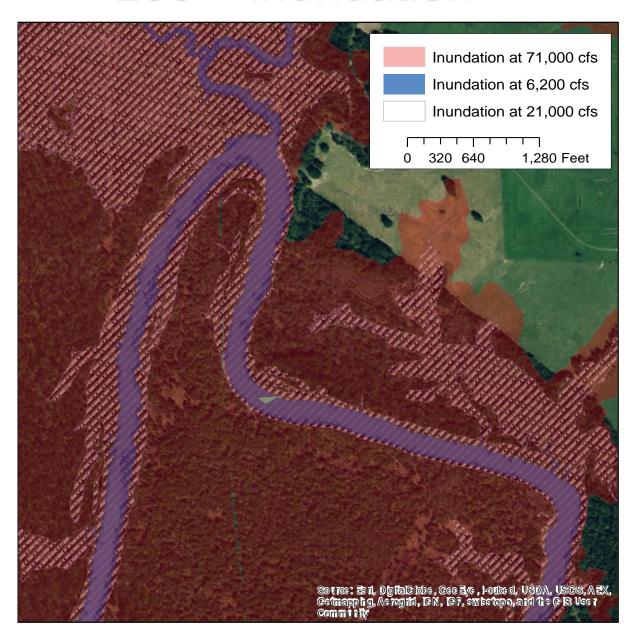
River mile 295 – Inundation



295 – Inundation



295 – Inundation

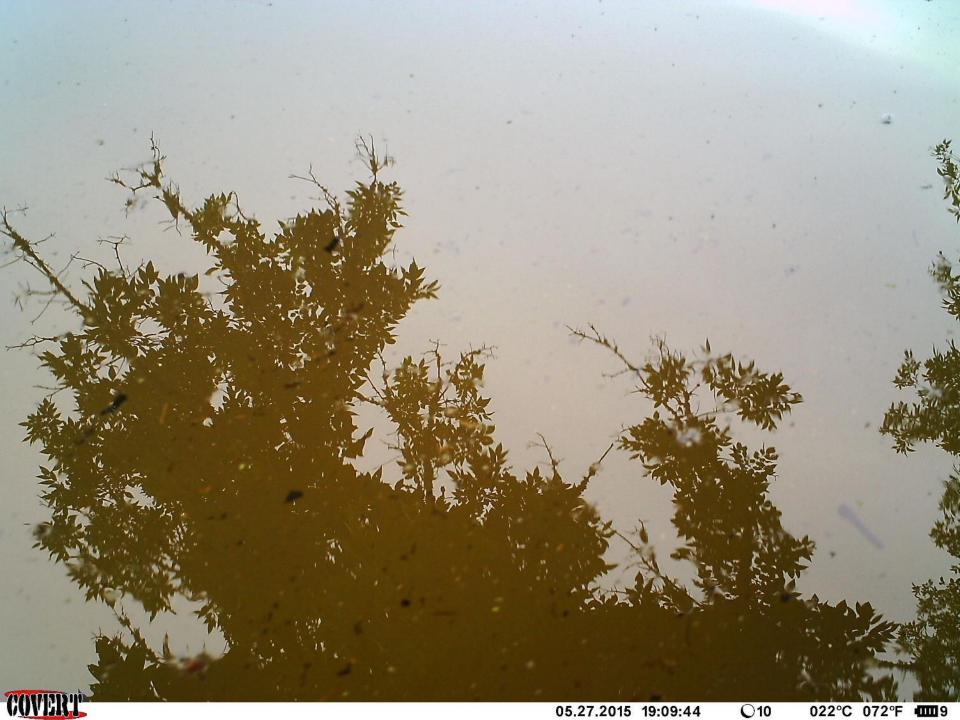


295 – Game Camera Deployment

















295 – Game Camera Re-deployment



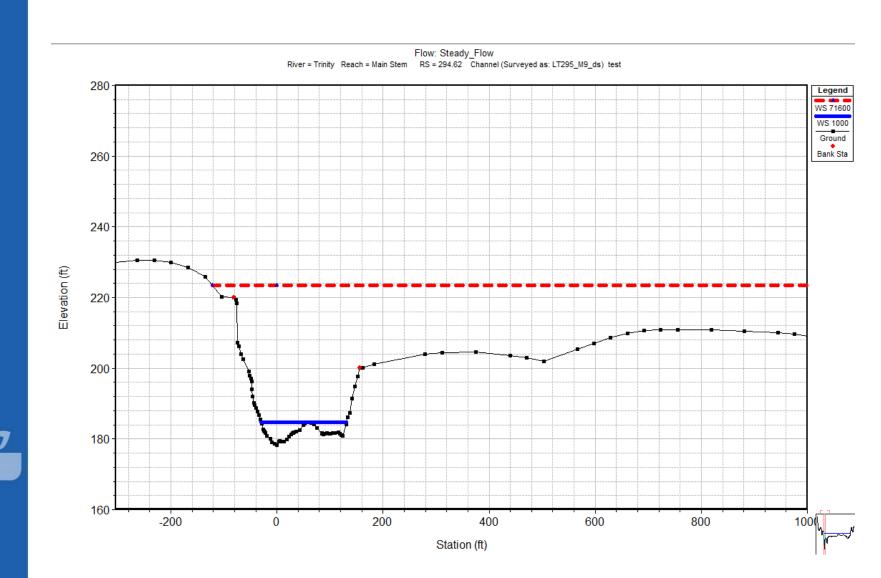
295 - Normal vs overbank launch video







080295 Cross-section

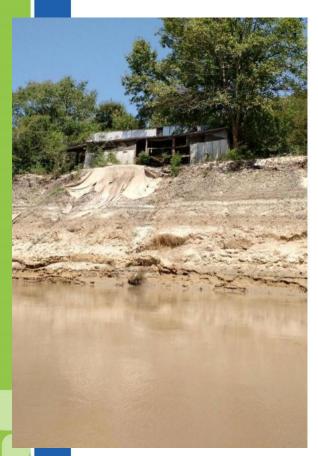


295 - Overbanking



7

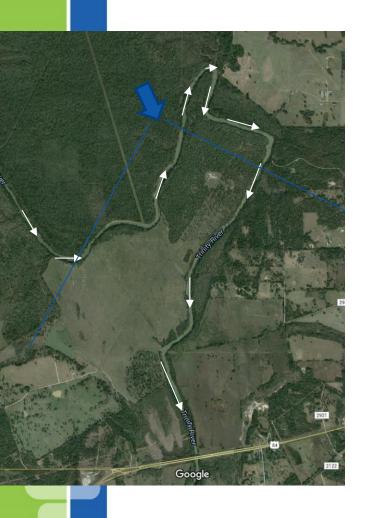
295 - Overbanking

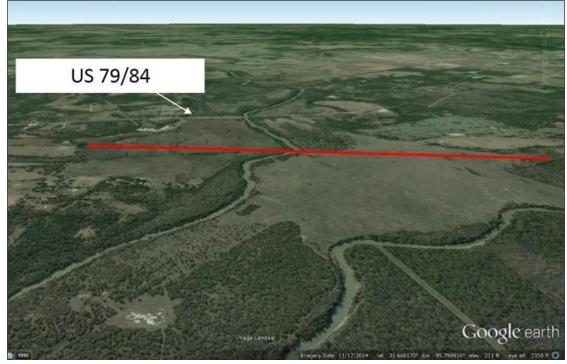




~7,000 cfs

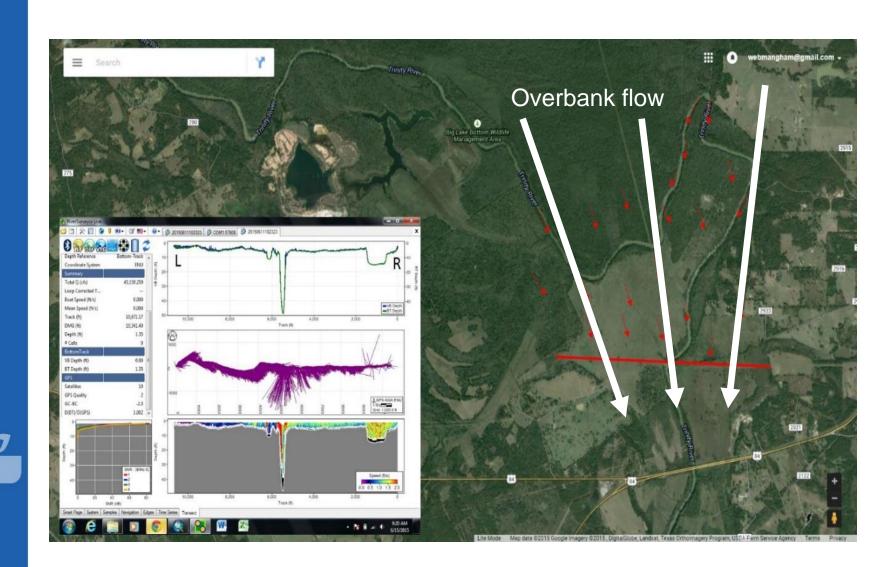
~60,000 cfs







295 - Overbanking

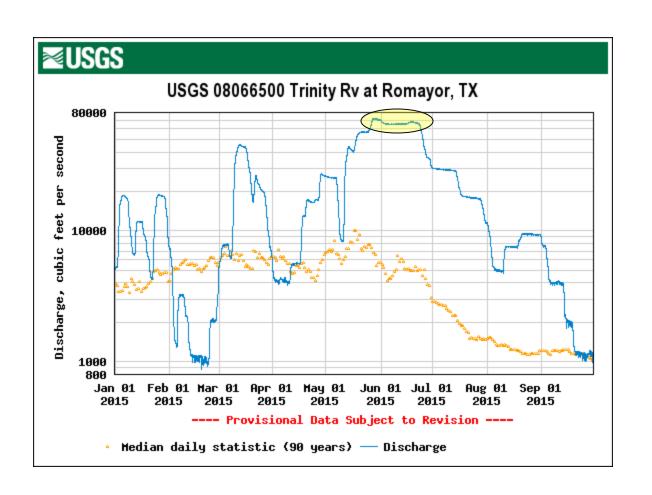


River mile 75 – Almost to the coast



7

75 - Flows



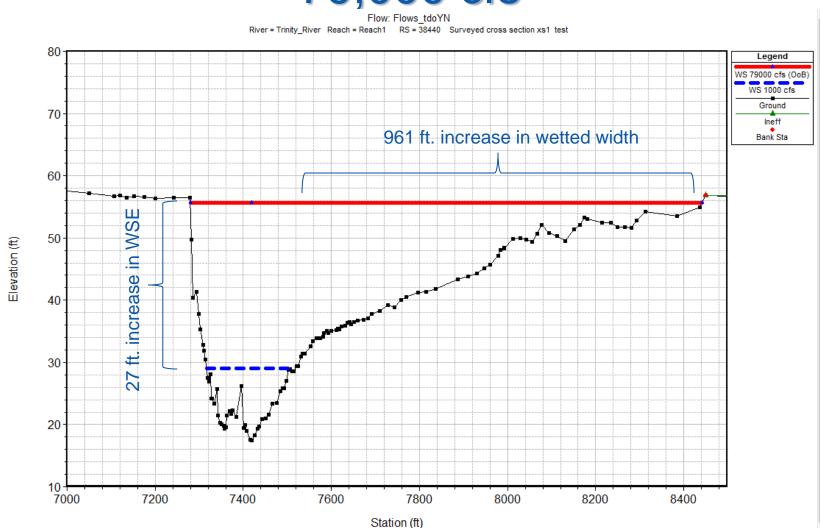
75 - Cross-section 1 - 10,000 cfs



75 – Riparian ~ 68,000 cfs



HEC-RAS Cross-section at 080075 near Romayor 79,000 cfs



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